

2023-08-01 Meeting notes - Joint OAM / NONRTRIC / SIM Community meeting

Time & Location:



Meeting Detail: Times & Joining Info

Tuesdays at 14:00 UTC in Summer (DST), 15:00 UTC in Winter

<https://us02web.zoom.us/j/89069708424?pwd=aGJOZm54eTUxd0FXR0VCU1N0ejBrUT09>

- Ensure you are signed into your Zoom account to join.
- Meeting ID: **890 6970 8424**. By Phone: Dial in ([Local numbers](#)): You will need a Participant ID so you will need to join the meeting from a Zoom client first to get this.
- Calendar: <https://lists.o-ran-sc.org/g/main/calendar>
- **NOTE:** During the "Daylight Savings Time" changeover periods (US vs Europe vs Asia) the time of the meetings may fluctuate.
 - Summer Daylight Savings time (Q2, Q3) eventually stabilizes to:
7am PDT | 10pm EDT | 14:00 UTC | 15:00 BST | 16:00 CEST | 17:00 EEST | 19:30 IST | 22:00 CST | 23:00 JST
 - Winter (non-DST) time (Q4, Q1) eventually stabilizes to:
7am PST | 10am EST | 15:00 UTC | 16:00 GMT | 17:00 CET | 18:00 EET | 20:30 IST | 23:00 CST (Thurs) | 00:00 JST (Thurs)
 - (During WinterSummer DST changeover follow US time. SummerWinter DST changeover follow Europe time)
- Meeting ID: **890 6970 8424**
- You will need a **Participant ID** so you will need to join the meeting from a Zoom client first to get this.
- Dial in: ([Local numbers](#))
 - +1 646 558 8656 US (New York)
 - +49 30 5679 5800 Germany
 - +49 69 3807 9883 Germany
 - +353 1 240 8941 Ireland
 - +46 8 4468 2488 Sweden
 - +46 8 5016 3827 Sweden
 - +358 3 4109 2129 Finland
 - +358 9 7252 2471 Finland

Please checkout the calendars:

- <https://lists.onap.org/g/onap-meetings/calendar>
- <https://lists.o-ran-sc.org/g/main/calendar>

Anti-Trust Notice

- [Antitrust Policy Notice](#)
- [Antitrust Policy](#)

Date

01 Aug 2023

Attendees

- [John Keeney](#) (Ericsson EST & OSC NONRTRIC)
- [Martin Skorupski](#) (Highstreet & OSC OAM)
- [Alex Stancu](#) (Highstreet & OSC SIM)
- [James Li](#) (CMTI & OSC INT)
- [Varada Varad](#) (Samsung)
- [Denis G Noonan](#) (Ericsson EST)
- [Ambrish Singh](#) (Ericsson EST)
- [Sonia Sangari](#) (Ericsson EST)
- [Kevin Timoney](#) (Ericsson EST)
- [Aravindhan Ayyanathan](#) (Ericsson EST)
- [Rohith Rajneesh](#) (Ericsson EST)
- [Kevin Timoney](#) (Ericsson EST)
- May not have captured a full attendee list for this meeting ... please add/remove yourself 😊

See also / co-located (ONAP/O-RAN-SC/SMO - Meeting)

- Co-located with [ONAP 2023-08-01 Meeting notes \(ONAP/O-RAN-SC/SMO - Meeting\)](#)

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Recording

- [Recording \(MP4 - lo res\)](#)

Notes:

Housekeeping:

- [Calendar:](#)
 - <https://lists.o-ran-sc.org/g/main/calendar>
 - <https://lists.onap.org/g/onap-meetings/calendar>
 - [7am PDT | 10pm EDT | **14:00 UTC** | 15:00 BST | 16:00 CEST | 17:00 EEST | 19:30 IST | 22:00 CST | 23:00 JST](#)
- [OSC SMO project calls now move to its own time slot - alternate Thursdays - TBC](#)
 - [See OSC RSAC Calendar: https://wiki.o-ran-sc.org/display/RSAC/calendars](#)
 - [See also OSC Meetings calendar: https://lists.o-ran-sc.org/g/main/calendar](#)
 - [\(Note this meeting to open to anyone, including non-ORAN members\)](#)
 - [We will maintain this slot for ONAP Alignment, and try flag issues/question to/from SMO meetings.](#)
 - [See \[OSC SMO Project meeting notes\]\(#\)](#)
- [See also \[OSC AIML Project meeting notes\]\(#\)](#)

OSC Project roundup:

News from OSC TOC call last week

- [https://wiki.o-ran-sc.org/display/TOC#ORANSTechnicalOversightCommittee\(TOC\)](https://wiki.o-ran-sc.org/display/TOC#ORANSTechnicalOversightCommittee(TOC))
 - Last week's TOC (Thursday):
 - [OAI & OSC collaboration is making some progress](#)
 - [Discussion on a whitepaper for SWRBP for end-to-end use case \(Super Wireless RAN Blueprint\)](#)
 - This week's TOC (in 2 days):

NONRTRIC ([John Keeney](#))

- Work ongoing - as per last week:
 - RAN PM functions - tidying up & re-releasing in maintenance release.
 - Working with AIMLFW project: [Joseph Thaliath](#) to use newer versions
 - Making good progress on rApp manager. More in coming weeks
 - 3PP dependency updates & addressing vulnerability
 - OpenAPI-first in A1-PMS & ICS
 - Change from codeopenapidocs to openapi code-stubs & docs
 - To better align with R1 specs as they mature
 - To improve expressivity of docs etc.

- Issue with test framework
 - underscore in URI hostnames - introduced by docker-compose (v1)
- Some changes in A1-Mediator in near-RT-RIC plt in H-Release.
 - Further investigation needed re effects on A1-PMS/ICS & A1-SIM

SIM (Alex Stancu)

- No major update
 - [Alex Stancu](#) was away last week.

OAM (Martin Skorupski)

- Looking at Netconf "Yang Schema Mount" for O-DU/O-RU relationship (WG5 yang models)
 - making some progress ... more to come
- Request (from RSAC) to make proposal for RAN PM streaming
 - See below
 - [PM Streaming](#)
- Working with team in T-Systems to update ONAP VES collector to work with native kafka.

O-DU Vidhu Shekhar Pandey)

- No update this week

OSC Integration / INT (James Li)

- Near-RT-RIC team today showed a demo of osc near-rtr-ric with an updated version of OAI DU/CU
 - To work with KPIMon xApp.
 - Hope to be able to reuse this work in ongoing OAI collaboration

SMO (Seshu Kumar Mudiganti)

- Meeting notes [Meeting notes](#)
- No Update this week

RSAC (David Kinsey Rittwik Jana)

- No update this week
- Minutes: [RSAC Meetings](#)
- Good discussion about I-Release plans, & how to report progress according to new streams/usecases.
 - More to follow in coming RSAC & TOC calls.
 - Some concern about scope ambition vs resourcing ...
 - Maybe discuss at SMO call tomorrow?

AI/ML platform project (Joseph Thaliath)

- Minutes & Meeting: [Meeting notes](#)
- Calendar: <https://lists.o-ran-sc.org/g/main/calendar>
- No update this week

SMO end-to-end & SMO in Opensource (N.K. Shankaranarayanan)

- No update this week

ONAP Update (N.K. Shankaranarayanan Seshu Kumar Mudiganti)

- No update this week

ONAP/OSC Usecases (N.K. Shankaranarayanan)

- No update this week

PM Data Streaming (Martin Skorupski & All)

- (Recording timestamp @ 10:30)
- [PM Streaming](#)
- O-RAN OAM spec refers to 3GPP specs to use websocket for transport
- Data serialisation format options presented by 3GPP: Ref sect 11.5 TS 28.532
 - <https://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3427>
 - https://www.3gpp.org/ftp/Specs/archive/28_series/28.532/28532-h30.zip
 - ASN1, or
 - GPB (preferred)
- Suggestion to do 3gpp-XMLyangGPB ...

- Refer to "establishStreamingConnection" operation, table 11.5.1.1.2 "streamInfoList" input parameter where PM stream job is defined
- But how will the SMO terminate streams, parse, and distribute the data?
 - Proposal
 - SMO needs a Websocket stream terminator (e.g. to: S3 bucket, or Kafka?)
 - SMO needs a GPB data parser (to: XML, or JSON?)
 - <a big gap - for further study>
 - *Alot depends on the data characteristics & scalability concerns*
 - Then re-use NONRTRIC RAN PM functions so rApps can subscribe to filtered PM data in JSON format in Kafka and/or InfluxDB
 - <https://docs.o-ran-sc.org/projects/o-ran-sc-nonrtric-plt-ranpm/en/latest/>
 - Need to read-up some more and come back to this in future weeks.
 - Need to clearly demonstrate if there is a benefit beyond file-based PM and/or streamed trace data.
 - e.g. shorter reporting period (ROP) file-based?
 - Very significant scalability challenges as reporting period decreases, network function increases, job count per function increases.

Questions / Comments / AOB:

- None this week.

Meeting ends 51min